

Work Order ID 52519

September 29, 2009 10:48:18 AM



Page 1

Item ID: D119-675-011
Revision ID: N/A
Item Name: Heli-Access-Step LH

Accept



Setup Start



Stop



Start Date: 29/09/2009 Start Qty: 4.00
Required Date: 23/10/2009 Req'd Qty: 4.00



Cust Item ID:
Customer:

Reference:

Run Start



Approvals: Process Plan: RL Date: 09-9-29 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100	DOCUMENT CONTROL	0.00							
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 119-675011								
	<u>per</u> <u>09-9-29</u> <u>CHC003</u> <u>CHC004</u> <u>8 09/10/21</u>								
110	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
QC	Memo	0.00							
Quality Control									

10 9/10/18 4

2446 8

Work Order ID 52519

September 29, 2009 10:48:18 AM



Page 2

Item ID: D119-675-011

Accept



Setup Start



Revision ID: N/A

Stop



Item Name: Heli-Access-Step LH

Start Date: 29/09/2009 Start Qty: 4.00



Cust Item ID:

Required Date: 23/10/2009 Req'd Qty: 4.00



Customer:

Reference:

Run Start

Picklist Print

Page 1

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH

Comments:

Start Date: 29/09/2009

Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S 744 D3043-041RevA		Manufactured	No			110	Each	0.0000	4.0000			
Step Weldment LH, A119												
S 744 D2182B032RevC	x4 @ 3204	Manufactured	No			120	Each	0.0000	4.0000			
Rubber Cushion - MAXXAP S210121												
S 744 D2274RevF	X8	Manufactured	No			120	Each	606.0000	32.0000			
Radius Block												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

606

22494

0

23174

0

36624

17

38173

6

42099

34

43838

62

47796

32

50227

131

51425

324

D2617-3RevD2

Manufactured

No

120

Each

36.0000

16.0000

Bushing

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST39

36

51103

36

52521

7264

52644 178

51425 1810

51103

Pc 9/10/21 (4)

Picklist Print

Page 2

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH


Comments:

Start Date: 29/09/2009


Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2617-5RevD2. <i>cy</i>		Manufactured	No			120	Each	60.0000	32.0000 ✓			
												
Spacer												

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
OFFSHORE		
FG	10	
31756	10	
Main Warehouse		
ST	50	
48186	29	
51117	21	

D2732RevB1 <i>*4@3.20"</i>	Manufactured	No				120	f	140.9430	4.2640 ✓			
												
Rubber Extrusion - <i>measured 8/10/21</i>												

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	140.943	
38509	24.62	
43118	116.323	

48186 17X
51117 15X

4. PC 9/10/21 (4)

4264 43118

Picklist Print

Page 3

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH

Start Date: 29/09/2009

Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3041-1RevC 4x Clamp		Manufactured	No			120	Each	65.0000	16.0000 ✓			

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	65	
48195	35	48195
51159	30	

D3041-3RevC 2x Clamp		Manufactured	No			120	Each	26.0000	8.0000			
-------------------------	--	--------------	----	--	--	-----	------	---------	--------	--	--	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST463	26	
51114	26	51114

D3042-1RevA 4x Clamp		Manufactured	No			120	Each	55.0000	16.0000 ✓			
-------------------------	--	--------------	----	--	--	-----	------	---------	-----------	--	--	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	55	
48241	55	48241

September 29, 2009 10:48:18 AM

Shop Packet Print

Page 3

Picklist Print

Page 4

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH

Comments:

Start Date: 29/09/2009

Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-11A 4x Bolt		Purchased	No			120	Each	646.0000	16.0000 ✓			

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	646	
104214	12	
106605	12	
110382	570	
8170	12	
8942	40	

M104214 12x
M106605 4x

AN4-12A 6x
Bolt

Purchased	No		120	Each	543.0000	32.0000 ✓
-----------	----	--	-----	------	----------	-----------

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	543	
105143	13	
109297	24	
111605	13	
111925	97	
112314	300	
6071	96	

M115143 12x
M109297 20x

Picklist Print

Page 5

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH

Comments:

Start Date: 29/09/2009

Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN4-15A		Purchased	No			120	Each	608.0000	16.0000			
---------	--	-----------	----	--	--	-----	------	----------	---------	--	--	--



Bolt

29/9/09 (4)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

608

107737

8

108077

1

108868

7

109148

18

110399

8

111295

566

11/12/08

Picklist Print

Page 6

September 29, 2009 10:48:18 AM

Work Order ID: 52519



Parent Item: D119-675-011RevN/A



Parent Item Name: Heli-Access-Step LH

Start Date: 29/09/2009

Required Date: 23/10/2009

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD416

12X

Purchased

No

120

Each

7,213.000

48.0000

✓



Washer



12-9/10/15 (4)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

7213

102929

2

105906

4

106277

2

107321

23

107939

114

108161

553

108827

31

109249

69

110523

340

111279

101

111916

1379

112314

4595

16941

0

1112314

Picklist Print

Page 7

September 29, 2009 10:48:18 AM

Work Order ID: 52519

Parent Item: D119-675-011RevN/A

Parent Item Name: Heli-Access-Step LH

Comments:

Start Date: 29/09/2009

Required Date: 23/10/2009

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bia Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS21042L4	12 ²	Purchased	No			120	Each	7,513.000	48.0000	✓		
-----------	-----------------	-----------	----	--	--	-----	------	-----------	---------	---	--	--



29/10/09 (5/)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

7513

107499

5

108145

4

110450

1

110507

184

111827

5996

112314

1258

15924

0

7690

24

8182

41

M111827 42
M112314 64

REFERENCE ONLY

4.0 WEIGHT AND BALANCE:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-675-011 <i>HELI-ACCESS-STEP™</i> , LH	11.5 lb 5.2 kg	- 32.4 in - 1.28 m	- 373 in-lb - 6.7 m-kg	121.3 in 3.08 m	1395 in-lb 16.0 m-kg
D119-675-012 <i>HELI-ACCESS-STEP™</i> , RH	11.5 lb 5.2 kg	+32.4 in +1.28 m	+373 in-lb +6.7 m-kg	121.3 in 3.08 m	1395 in-lb 16.0 m-kg

5.0 PARTS LIST:

Qty -011	Qty -012	Part Number	Description
X		D119-675-011	<i>HELI-ACCESS-STEP™</i> , LH
	X	D119-675-012	<i>HELI-ACCESS-STEP™</i> , RH
4	4	D2182B032	RUBBER CUSHION
8	8	D2274	RADIUS BLOCK
4	4	D2617-3	BUSHING
8	8	D2617-5	BUSHING
4	4	D2732-032	RUBBER CUSHION
4	4	D3041-1	CLAMP
2	2	D3041-3	CLAMP
4	4	D3042-1	CLAMP
1		D3043-041	STEP WELDMENT LH
	1	D3043-042	STEP WELDMENT RH
4	4	AN4-15A	BOLT
4	4	AN4-11A	BOLT
8	8	AN4-12A	BOLT
12	12	AN960JD4.16	WASHER
12	12	MS21042L4	NUT (OR MS21042-4)

• COPYRIGHT © 2001 BY DART AEROSPACE USA, INC. •

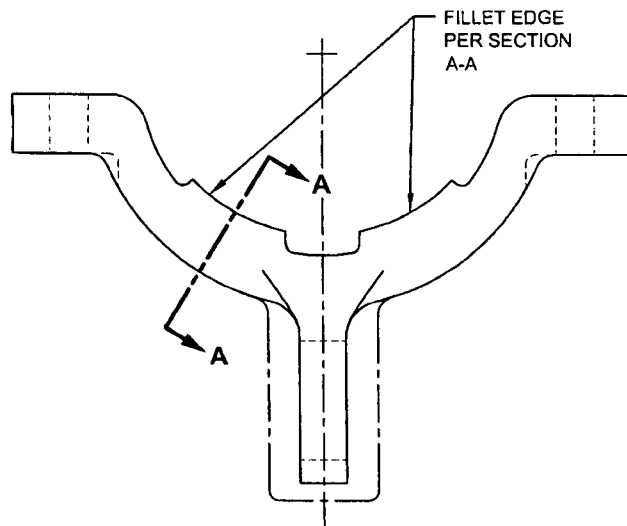
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: B

Date: 07.10.23

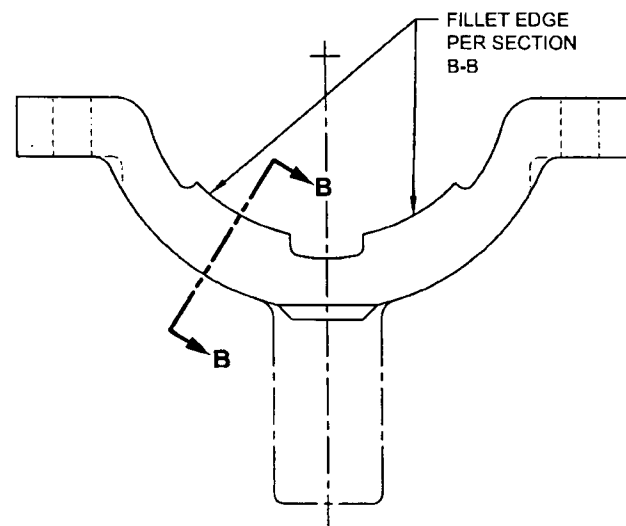
DRAWING NO. D3041	TITLE CLAMP	REV: C	DART AEROSPACE LTD ENGINEERING ORDER	D.E.O. NO. D3041-C-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN ADS	CHECKED	MFG. APPR.	APPROVED	DE APPR.		
DATE 09.03.04	DATE 09.03.12	DATE 09.03.12	DATE 09.03.13	DATE 09.03.13		

ADD FILLETS TO -1/-3/-5/-7 PER SECTIONS A-A AND B-B TO PREVENT CHAFING OF RUBBER CUSHIONS AS SHOWN:



D3041-1 CLAMP

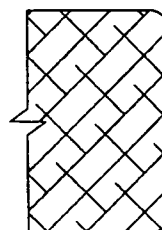
D3041-3 CLAMP



D3041-5 CLAMP

D3041-7 CLAMP

REFERENCE ONLY



R0.060 MIN - R0.10 MAX
2PL

SECTION A-A

SCALE 2X

SECTION B-B

SCALE 2X

RELEASED
09/07/07

SEE PAR 122 FOR FURTHER DETAILS

COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Work Order ID 52519

September 29, 2009 10:48:18 AM



Item ID:	D119-675-011	Accept		Setup	Start	
Revision ID:	N/A				Stop	
Item Name:	Heli-Access-Step LH					
Start Date:	29/09/2009	Start Qty:	4.00		Cust Item ID:	
Required Date:	23/10/2009	Req'd Qty:	4.00		Customer:	

Reference:

Approvals:	Process Plan:	<u>RL</u>	Date:	<u>09/29</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								
100		0.00							
	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 119-675011 CHG00								
110	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
QC	Memo	0.00							
Quality Control									

Handwritten notes:
 14 p.u.
 ECH09-627
 DEC-03046
 REV C

Handwritten: R 09-10-21

Handwritten: 10 9/10/15 (4)

Handwritten checkmark: ✓